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Claims of EP1099452

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### 1. Breathing mask with:

a mask basis body a mask interior of the limited, an inhaled gas inlet section to the lead from breathing gas to the mask interior, and resilient sealing means to the seal of the mask basis body characterised in that of the mask basis bodies is provided with an integral formed front edition element.

2. Breathing mask according to claim 1, characterised in that of the mask basis bodies from an elastomeric material formed is.

3. Breathing mask according to claim 1 or 2, characterised in that of the mask basis bodies and the front edition element from a silicone material formed are.

4. Breathing mask after at least one of the claims 1 to 3, characterised in that the sealing means from a silicone material formed is.

5. Breathing mask after at least one of the claims 1 to 4, characterised in that of the mask basis bodies to the sealing means is moulded on.

6. Breathing mask after at least one of the claims 1 to 5, characterised in that the sealing means to the mask basis body is moulded on.

▲ top 7. Breathing mask after at least one of the claims 1 to 6, characterised in that a stiffening element provided is, which lends a predetermined shape to the mask basis body and/or the sealing means.

8. Breathing mask after at least one of the claims 1 to 7, characterised in that the stiffening element from bottom heat input a deformable material formed is and when cooling off on room temperature in imparted shape maintains to a large extent.

9. Breathing mask after at least one of the claims 1 to 8, characterised in that itself the stiffening element into the front edition element inside extended.

10. Breathing mask after at least one of the claims 1 to 9, characterised in that in the mask basis body and/or the front edition element a receiving portion formed is, to the receptacle of the reinforcement element.

11. Breathing mask after at least one of the claims 1 to 10, characterised in that the front edition element is provided with a coupling mechanism, to the terminal of a mask retaining strap.

12. Breathing mask after at least one of the claims 1 to 11, characterised in that the sealing means a pad organ exhibits from an elastomeric wall material the limited is.

13. Breathing mask after at least one of the claims 1 to 12, characterised in that the pad organ itself in the type of a hose pad along the mask edition range extended.

14. Breathing mask after at least one of the claims 1 to 13, characterised in that an integral sealing lip provided formed with the pad organ is itself inward the extended of the mask external area.

15. Breathing mask after at least one of the claims 1 to 14, characterised in that an interior transient area between the sealing lip and the pad organ rounded formed is.

### 16. Breathing mask with:

- a mask basis body a mask interior of the limited,

- an inhaled gas inlet section to the lead from breathing gas to the mask interior, and

- resilient sealing means to the seal of the mask basis body whereby the sealing means a portion formed from a gel-like cured elastomeric material, characterised in that the elastomeric elastomeric portion portion with a skin layer coated exhibits from an elastomeric material the formed is.

17. Breathing mask according to claim 16, characterised in that the skin layer from high crosslinked silicone rubber material, in particular by a dipping procedure formed is.

18. Breathing mask according to claim 16 or 17, characterised in that the skin layer by job of a thin silicone material layer on a corresponding form space section of a forming tool formed is, and that the gel-like hardening silicone material is into the corresponding prepared form space section injected.

## 19. Breathing mask with:

- a mask basis body a mask interior of the limited,
- an inhaled gas inlet section to the lead from breathing gas to the mask interior, and
- is moulded on resilient sealing means to the seal of the mask basis body characterised in that of the mask basis bodies from a thermoplastic plastic material formed and to the sealing means.

## 20. Breathing mask with:

- a mask basis body a mask interior of the limited,
- an inhaled gas inlet section to the lead from breathing gas to the mask interior, and
- resilient sealing means to the seal of the mask basis body characterised in that along a mask edition range extending air cushion element covers the sealing means and that a Nahtoder splice of the air cushion element at least in sections from a receiving portion of the mask basis body spread is.

## 21. Breathing mask with:

- a mask basis body a mask interior of the limited,
- an inhaled gas inlet section to the lead from breathing gas to the mask interior, and - resilient sealing means to the seal of the mask basis body characterised in that the sealing means a sealing rim element exhibits from a silicone material with high Vernetzungsgrad the made is, and that is coupled to this sealing rim element a pad body, which is made from a silicone material of low degree of crosslinking.

22. Breathing mask according to claim 21 characterised in that of the pad bodies at least in the range of the face bearing surface with an elastomeric skin coated is.

## 23. Breathing mask with:

- a mask basis body a mask interior of the limited,
- an inhaled gas inlet section to the lead from breathing gas to the mask interior, and - resilient sealing means to the seal of the mask basis body characterised in that exhibits the sealing means a hose cushion member formed from an elastomeric material and that wall sections of the hose pad are in such a manner defined thick and thin walled formed that defined joint zones develop.

24. Breathing mask according to claim 23, characterised in that an inward directed circumferential sealing rim element integral with the pad body formed is.

25. Method the production of a breathing mask with which in the frame of a first silicone injecting procedure silicone material into a form space section injected becomes that complementary ones mask sealing means formed is that in the frame of a subsequent method step a mask-body-lateral connecting region first released from form and subsequent becomes in complementary form space section introduced formed to a mask body, and that a subsequent plastic material becomes into that, the mask body complementary mould space injected.